

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

SCHEDULE 13G

Under the Securities Exchange Act of 1934

Pulse Biosciences, Inc.

(Name of Issuer)

Common Stock, \$0.001 par value per share

(Title of Class of Securities)

74587B 10 1

(CUSIP Number)

December 31, 2017

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 74587B 10 1

1.	Name of Reporting Person: Mark E. Strome	
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
	(a)	<input type="checkbox"/>
	(b)	<input type="checkbox"/>
3.	SEC Use Only	
4.	Citizenship or Place of Organization United States of America	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power 440,103 (1)
	6.	Shared Voting Power 0
	7.	Sole Dispositive Power 440,103 (1)
	8.	Shared Dispositive Power 0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 440,103 (1)	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9) 2.7%	
12.	Type of Reporting Person (See Instructions) IN	

(1) Consists of 440,103 shares of Common Stock held of record as of December 31, 2017 by the Mark and Tammy Strome Family Trust U/A/D August 18, 2008 (the "Trust"). Mr. Strome and Tammy Estrada Strome are the co-trustees of the Trust under the applicable trust agreement. However, Mr. Strome was granted primary management and control of the assets owned by the Mark and Tammy Strome Family Trust, including the subject shares of Common Stock, pursuant to an order entered on January 18, 2017 by the Superior Court of California, County of Los Angeles, Case No. BD 636746 in the action entitled In re the Marriage of Strome. As of the date of this filing, the Trust owns 280,211 shares of Common Stock.

ITEM 1.

(a) NAME OF ISSUER.

Pulse Biosciences, Inc.

(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES.

3957 Point Eden Way
Hayward, CA 94545

ITEM 2.

(a) NAME OF PERSONS FILING.

Mark E. Strome

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE.

100 Wilshire Blvd., Suite 1750
Santa Monica, CA 90401

(c) CITIZENSHIP.

United States

(d) TITLE OF CLASS OF SECURITIES.

Common Stock, \$0.001 par value per share

(e) CUSIP NUMBER.

74587B 10 1

ITEM 3. Not Applicable.

ITEM 4. OWNERSHIP.

(a) Amount beneficially owned: 440,103

(b) Percent of class: 2.7%

(c) Number of shares as to which the reporting person has:

(i) Sole power to vote or to direct the vote: 440,103

(ii) Shared power to vote or to direct the vote: 0

(iii) Sole power to dispose or to direct the disposition of: 440,103

(iv) Shared power to dispose or to direct the disposition of: 0

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following:

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Mr. Strome and Ms. Estrada Strome are the co-trustees of the Trust, and under the terms of the trust agreement are each able to direct the dividends from, or proceeds from the sale of, the Common Stock of Pulse Biosciences. However, Mr. Strome was granted primary management and control of the assets owned by the Mark and Tammy Strome Family Trust, including the subject shares of Common Stock, pursuant to an order entered on January 18, 2017 by the Superior Court of California, County of Los Angeles, Case No. BD 636746 in the action entitled In re the Marriage of Strome.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON.

Not applicable

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

ITEM 10. CERTIFICATIONS.

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

May 1, 2018

/s/ Mark E. Strome
Mark E. Strome
